

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-9-44  
Relating to Certification of New Motor Vehicles

CHRYSLER CORPORATION

Pursuant to the authority vested in the Air Resources Board by Sections 43100, 43102, and 43103 of the Health and Safety Code; and

Pursuant to the authority vested in the undersigned by Sections 39515 and 39516 of the Health and Safety Code and Executive Order G-45-3;

IT IS ORDERED AND RESOLVED: That Chrysler Corporation exhaust emission control systems for 1977 model-year light-duty trucks are certified for the engine family described below:

Engine Family: TD-318-2-C

Engine: 318 CID

Transmission: 3-speed automatic, 3 and 4-speed manual

Exhaust Emission Control Systems: Engine modifications, exhaust gas recirculation, oxidation catalyst

Models: Dodge

\*AD1 Sport Utility

\*AW1 Sport Utility

\*B1 Van

\*B1 Wagon

D1 Chassis Cab

D1 Club Cab

D1 Conventional Cab

W1 Chassis Cab

W1 Conventional Cab

Ramcharger, Ramcharger S.E.

Ramcharger, Ramcharger S.E.

Street Van, Tradesman

Custom Sportsman, Royal Sportsman,

Royal Sportsman S.E., Sportsman

Adventurer, Adventurer S.E., Custom

Adventurer, Adventurer S.E., Custom

Adventurer, Adventurer S.E., Custom

Adventurer, Custom

Adventurer, Custom

Plymouth

\*PB1 Wagon

\*PD1 Sport Utility

\*PW1 Sport Utility

Voyager, Voyager Custom, Voyager Sport

Trailduster, Trailduster Sport

Trailduster, Trailduster Sport

\*4-speed manual transmission not available.

The following are the recommended values to be listed on the window decal required by California Assembly-Line Test Procedures for 1977 model vehicles:

<u>Engine Family</u>	<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per Mile</u>
TD-318-2-C	0.6	11	1.7

BE IT FURTHER RESOLVED: That this certification is contingent upon Chrysler Corporation affixing a permanent catalyst overheat warning label on the driver's sun-visor of all catalyst-equipped vehicles. This label must be approved by the Executive Officer.

BE IT FURTHER RESOLVED: That this certification is also contingent upon Chrysler Corporation listing in the owner's manual the operating cautions associated with a catalyst-equipped vehicle. This listing must be approved by the Executive Officer.

Vehicles certified under this Executive Order must conform to all applicable California emission regulations.

The Department of Motor Vehicles, the California Highway Patrol, and the Bureau of Automotive Repair will be notified by copy of this order and attachment.

Executed at El Monte, California, this 15 day of August, 1976.



G. C. Hass, Chief  
Division of Vehicle Emissions Control

Manufacturer Chrysler Corporation      Executive Order No. A-9-44      Page 1

Engine Family TD-318-2-C      Engine (CID) 318      Engine Code \_\_\_\_\_

Emission Control System EM, EGR, OC      +10%(A/C) Yes ☐ No ☒

Vehicle Models (If Coded see attachment)	Trans	Inertia Weight	Distributor Type C+V, EI Mfgr. Part Number	Fuel System Type 2V Mfgr. Part Number	EGR System Part No. Service*	Tune-Up Specification (1) Basic Timing (2) Idle Mixture (3) Idle Speed
Code I	A-3	4000	Chrysler 3874090	Carter 3870969	4006883 4006884 No Service	(1) $0^{\circ} + 2^{\circ}$ for Auto. Transmission, or $2^{\circ} + 2^{\circ}$ BTDC for Manual Trans., both W/Vacuum Disconnected & Plugged at Distributor (2) 0.3 ( $0 \leq CO \leq 0.7$ ) % CO measured @ upstream catalyst tap (3) $750 \pm 100$ RPM in neutral
	M-3			Carter 3870970	4006885 4006886 No Service	
Code II	A-3	4500		Carter 3870969	4006883 4006884 No Service	
	M-3			Carter 3870970	4006885 4006886 No Service	
Code III	M-4	4000				
Code IV		4500				
Comments						
Date of Issue <u>Corrected 3 March 1977</u>						

### Abbreviations

#### Distributor

C-Centrifugal Advance

Vacuum Advance

Vacuum Retard

HEI-High Energy Ignition

EI-Electronic Ignition

#### Fuel System

EFI, FI

nV-nVenturi Carburetor

VV-Variable Venturi

#### Exhaust Emission Control System

AI-Air Injection

CAI-Catalyst Air Injection

EFI-Electronic Fuel Injection

EGR-Exhaust Gas Recirculation

EM-Engine Modification

EFE-Early Fuel Evaporation

ESAC-Electronic Spark Advance Control

FI-Fuel Injection

OC-Oxidation Catalyst

PAI-Pulse Air Injection

RC-Reduction Catalyst

TR-Thermal Reactor

TWC-Three Way Catalyst

λ-Air Fuel Ratio Sensor

#### \*Service

I-Inspect, repair/replace as needed

R-Replace

Manufacturer Chrysler Corporation Executive Order No. A-9-44 Page 1  
 Engine Family TD-318-2-C Engine (CID) 318 Engine Code \_\_\_\_\_  
 Emission Control System EM, EGR, OC +10%(A/C) Yes ☐ No ☒

Vehicle Models (If Coded see attachment)	Trans	Inertia Weight	Distributor Type C+V, EI Mfgr. Part Number	Fuel System Type 2V Mfgr. Part Number	EGR System Part No. Service*	Tune-Up Specification (1) Basic Timing (2) Idle Mixture (3) Idle Speed
Code I	A-3	4000	Chrysler 3874090	Carter 3870969	4006883 4006884 No Service	(1) $T^0 + 2^0$ BTDC W/V disconnected & plugged @ distributor  (2) 0.3 ( $0 \leq CO \leq 0.7$ ) % CO measured @ upstream catalyst tap
	M-3			Carter 3870970	4006885 4006886 No Service	
Code II	A-3	4500		Carter 3870969	4006883 4006884 No Service	(3) $750 \pm 100$ RPM in neutral  Note: $T = 0^0$ for manual transmission, $T = -2^0$ for automatic trans- mission ( $2^0$ ATDC).
	M-3			Carter 3870970	4006885 4006886 No Service	
Code III	M-4	4000				
Code IV		4500				
Comments						
Date of Issue						

#### Abbreviations

##### Distributor

C-Centrifugal Advance  
 V-Vacuum Advance  
 R-Vacuum Retard  
 HEI-High Energy Ignition  
 EI-Electronic Ignition  
 Fuel System  
 EFI, FI  
 nV-nVenturi Carburetor  
 VV-Variable Venturi

##### Exhaust Emission Control System

AI-Air Injection  
 CAI-Catalyst Air Injection  
 EFI-Electronic Fuel Injection  
 EGR-Exhaust Gas Recirculation  
 EM-Engine Modification  
 EFE-Early Fuel Evaporation  
 ESAC-Electronic Spark Advance  
 Control  
 FI-Fuel Injection

OC-Oxidation Catalyst  
 PAI-Pulse Air Injection  
 RC-Reduction Catalyst  
 TR-Thermal Reactor  
 TWC-Three Way Catalyst  
 λ-Air Fuel Ratio Sensor  
 \*Service  
 I-Inspect, repair/replace  
 as needed  
 R-Replace

Engine Family TD-318-2-C Coding Sheet

Code I

B1 Van  
 B1 Wagon (109" W.B.)  
 D1 Chassis Cab  
 D1 Conventional Cab  
 PB1 Wagon (109" W.B.)

Code III

D1 Chassis Cab (115" W.B.)  
 D1 Conventional Cab (115" W.B.)

Code II

AD1 Sport Utility  
 AW1 Sport Utility  
 B1 Wagon (127" W.B.)  
 PB1 Wagon (127" W.B.)  
 W1 Chassis Cab  
 W1 Conventional Cab

Code IV

D1 Chassis Cab (131" W.B.)  
 D1 Club Cab  
 D1 Conventional Cab (131" W.B.)  
 W1 Chassis Cab  
 W1 Conventional Cab